

# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2012 VOLVO V60 OEM Service and Repair Workshop Manual

[Go to manual page](#)

- Rheostat wheel for brightness, tailgate unlocking switch, and halogen headlights positioning wheel (only with halogen headlights).
- Rheostat wheel for brightness, tailgate unlocking switch, and fuel lid unlocking switch (only Twin Engines).

## **SWITCH MODULE, INSTRUMENT PANEL > SWITCH MODULE, INSTRUMENT PANEL (3/337) [2018-2022] > DIAGNOSTIC INFORMATION**

The switch module, instrument panel does not have a built-in diagnostic system. The Central Electronic Module (CEM) monitors the module and sets DTCs and readable parameters.

## **SWITCH MODULE, INSTRUMENT PANEL > SWITCH MODULE, INSTRUMENT PANEL (3/337) [2018-2022] > CONNECTION AND COMMUNICATION**

The switch module, instrument panel is directly connected to the:

- Central Electronic Module (CEM).
- Left and right headlamp units.

## **SWITCH PANEL, POWER SEAT > SWITCH PANEL, POWER SEAT (3/344 - 3/345, 3/370 - 3/371) [2018-2022] > DESCRIPTION**

The switch panel, power seat, initiates various seat adjustments. It has 4-7 switches depending on variant. The switches are resistance coded and the resistance is different in up/down or forward/back position. The resistance is measured to ground.

## **SWITCH PANEL, POWER SEAT > SWITCH PANEL, POWER SEAT (3/344 - 3/345, 3/370 - 3/371) [2018-2022] > VARIANTS**

The switch panel, power seat, is available in three variants:

- 8-way variant: One button for adjusting the seat height and length position and one button for controlling the backrest recline angle and cushion tilt angle.
- 12-way variant: Same as 8-way plus a round pad for controlling the lumbar support.
- 14-20 way variant: Same as 12-way plus a rotary switch for function selection.

## **SWITCH PANEL, POWER SEAT > SWITCH PANEL, POWER SEAT (3/344 - 3/345, 3/370 - 3/371) [2018-2022] > DIAGNOSTIC INFORMATION**

### **Front seat**

The switch panel, power seat, does not have a built-in diagnostic system. Respective Power Seat Module monitors the switch panel, power seat, and sets DTCs.

### **Rear seat (Excellence models only)**

The rear seat switch panel, power seat, have no diagnostic information in VIDA.

## **WIPER MOTOR MODULE WMM > WIPER MOTOR MODULE WMM (4/250) [2018-2022]**

### **> DESCRIPTION**

The wiper motor module WMM is used to wipe the front windscreen. The wiper motor module WMM has different operating modes.

The front wiper modes are:

- Windshield wipers off.
- Single sweep.
- Intermittent wiping.
- Continuous wiping.

## **WIPER MOTOR MODULE WMM > WIPER MOTOR MODULE WMM (4/250) [2018-2022]**

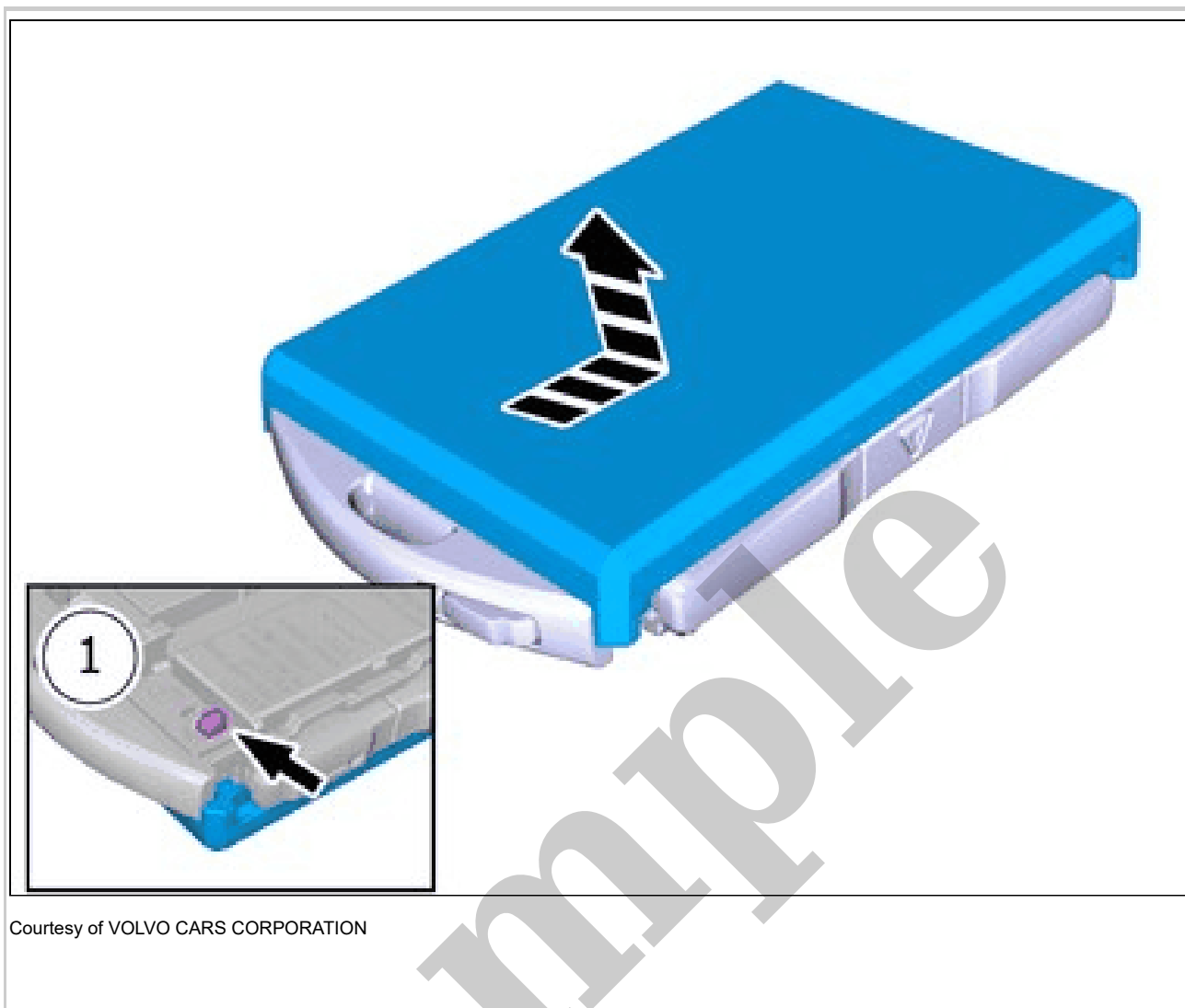
### **> DIAGNOSTIC INFORMATION**

The wiper motor module WMM does not have a built-in diagnostic system. The Central Electronic Module (CEM) monitors the wiper motor module WMM and sets DTCs and readable parameters.

## **WIPER MOTOR MODULE WMM > WIPER MOTOR MODULE WMM (4/250) [2018-2022]**

### **> CONNECTION AND COMMUNICATION**

The wiper motor module WMM is directly connected to the Central Electronic Module (CEM) and communicates via LIN.

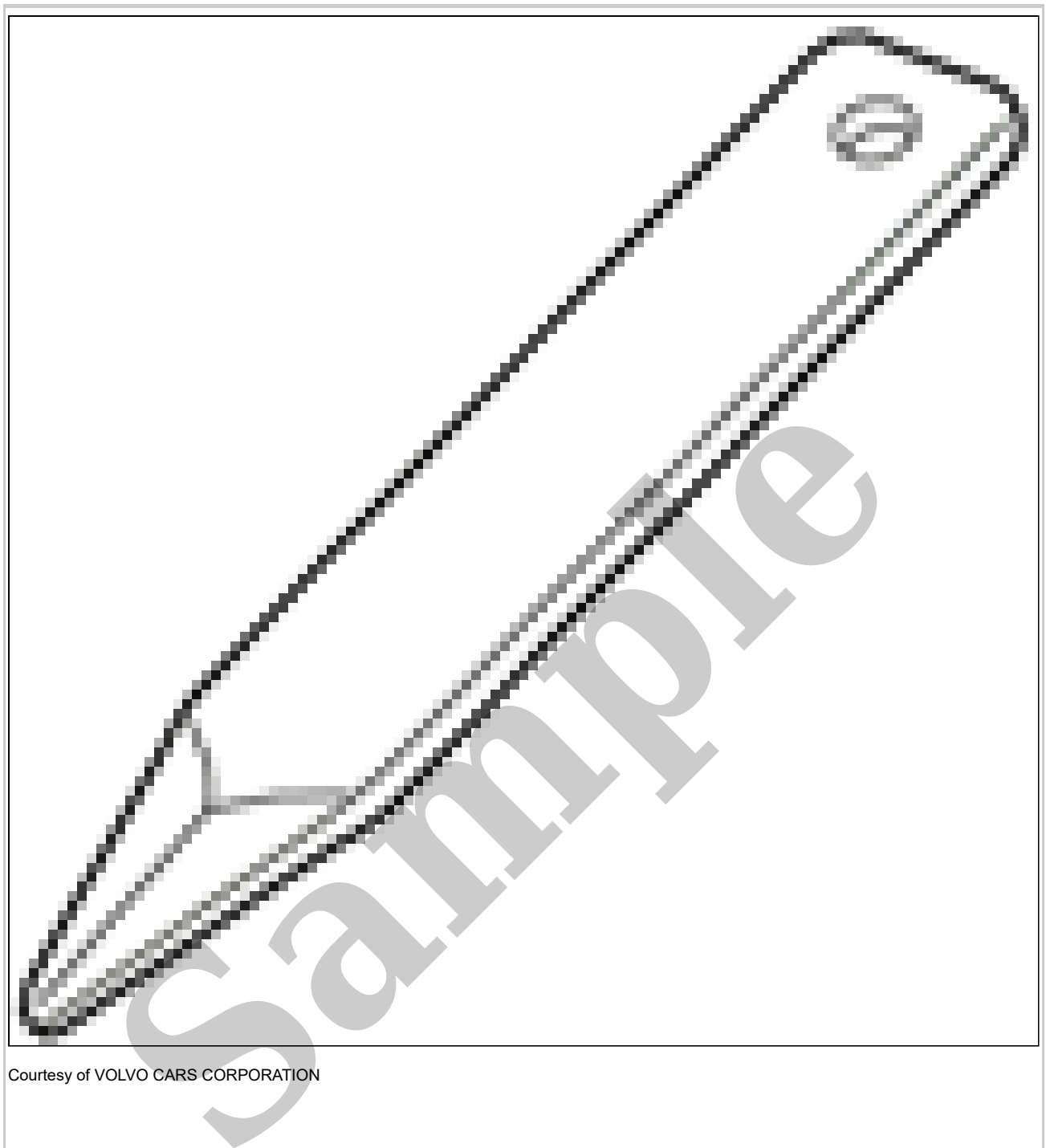


Release the lock.  
Remove the marked part.  
The part is to be reused.

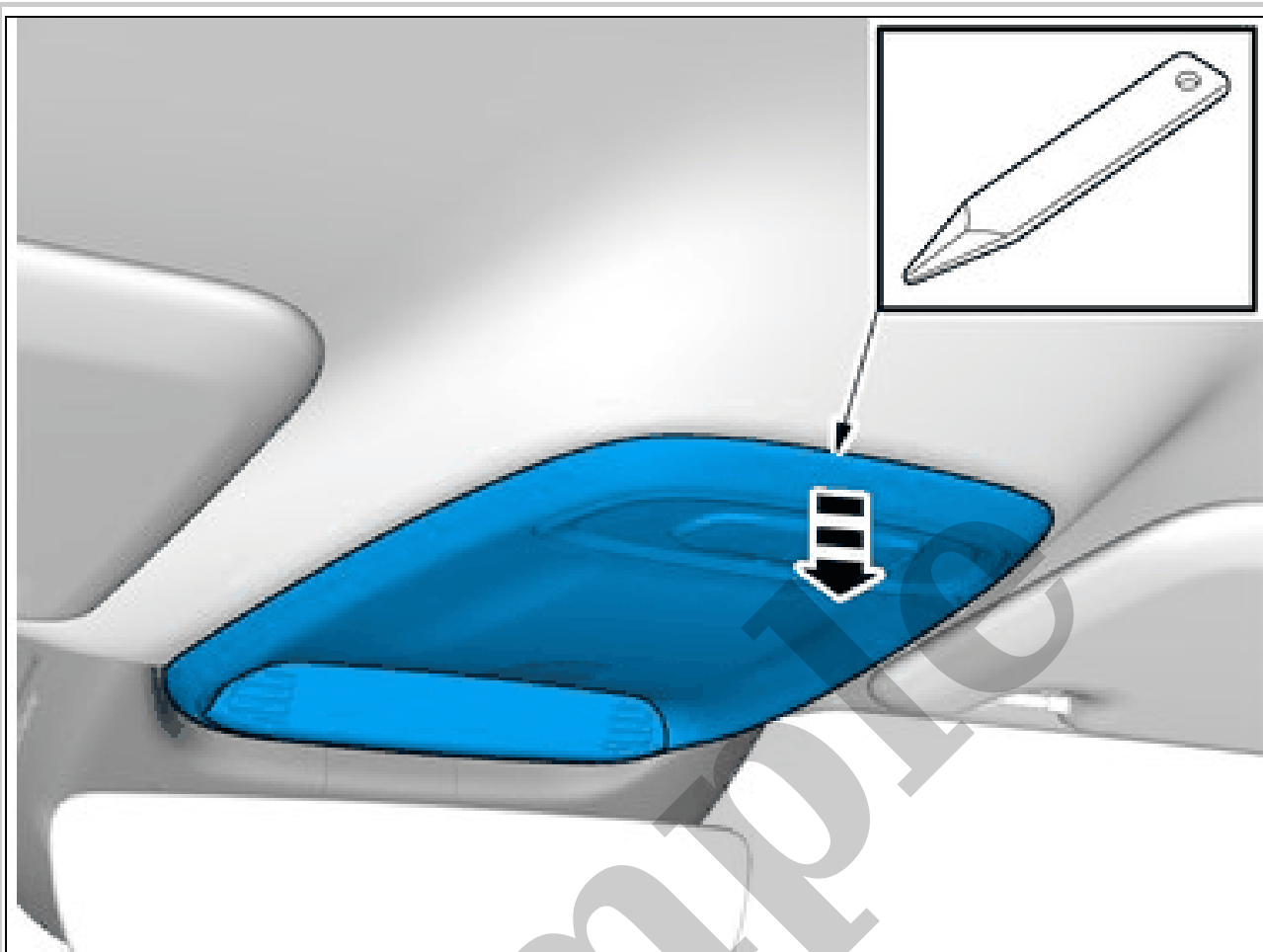


Courtesy of VOLVO CARS CORPORATION

Reinstall the removed part.

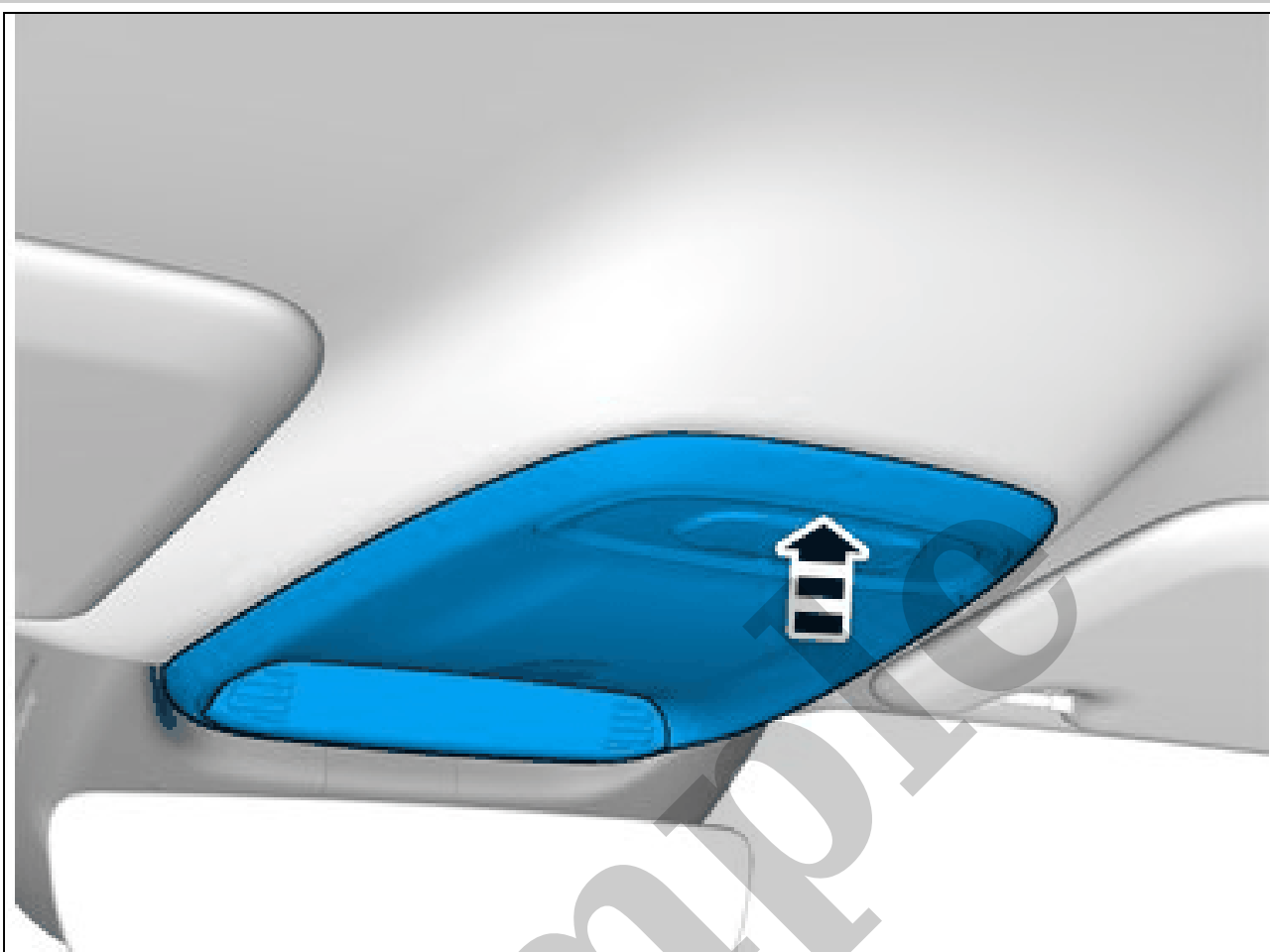


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Courtesy of VOLVO CARS CORPORATION

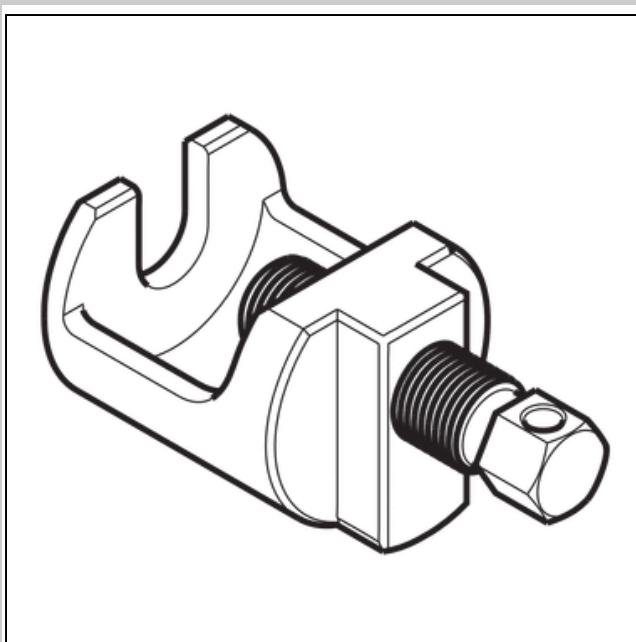
Remove the part carefully



Courtesy of VOLVO CARS CORPORATION

Install the marked component.





Courtesy of VOLVO CARS CORPORATION

**999 7515 Puller**

**Tool number:** 999 7515

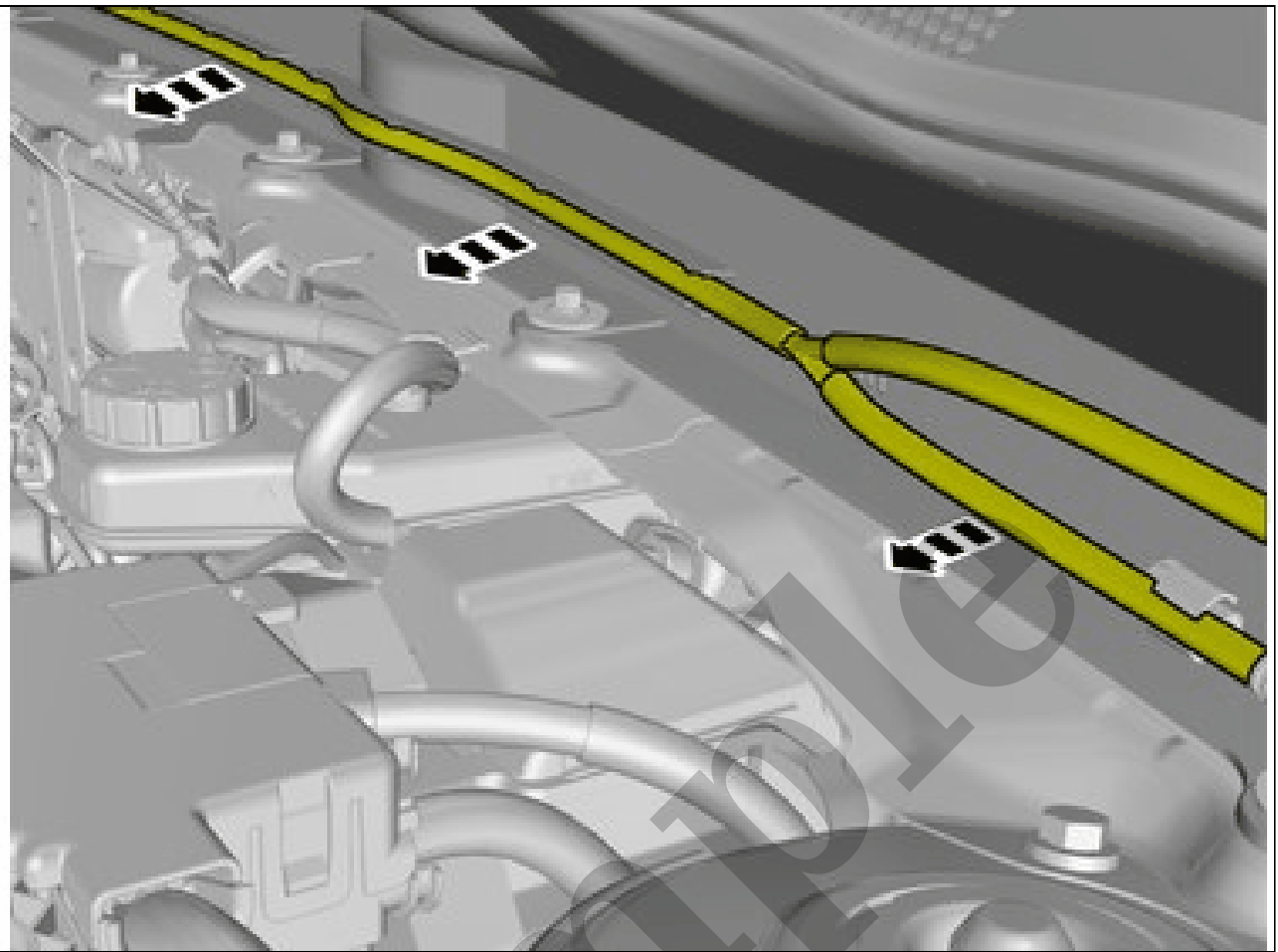
**Tool description:** Puller

**Tool boards:** 30

**INFORMATION**

- Read through all of the instructions before starting installation.
- Notifications and warning texts are for your safety and to minimize the risk of something breaking during installation.
- Ensure that all tools stated in the instructions are available before starting installation.
- Certain steps in the instructions are only presented in the form of images. Explanatory text is also given for more complicated steps.
- In the event of any problems with the instructions or the accessory, contact your local Volvo dealer.

**COLOR SYMBOLS**



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